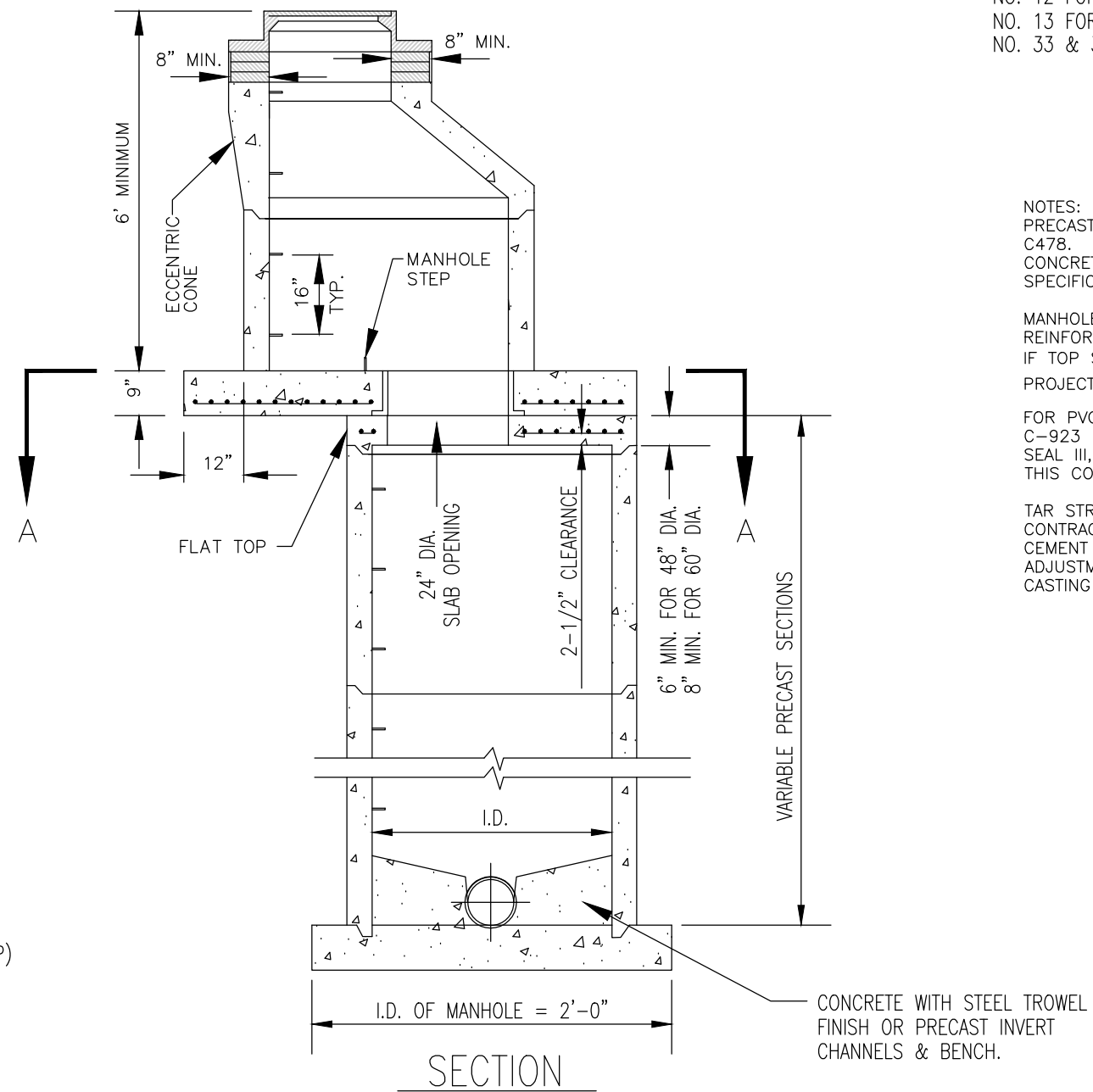
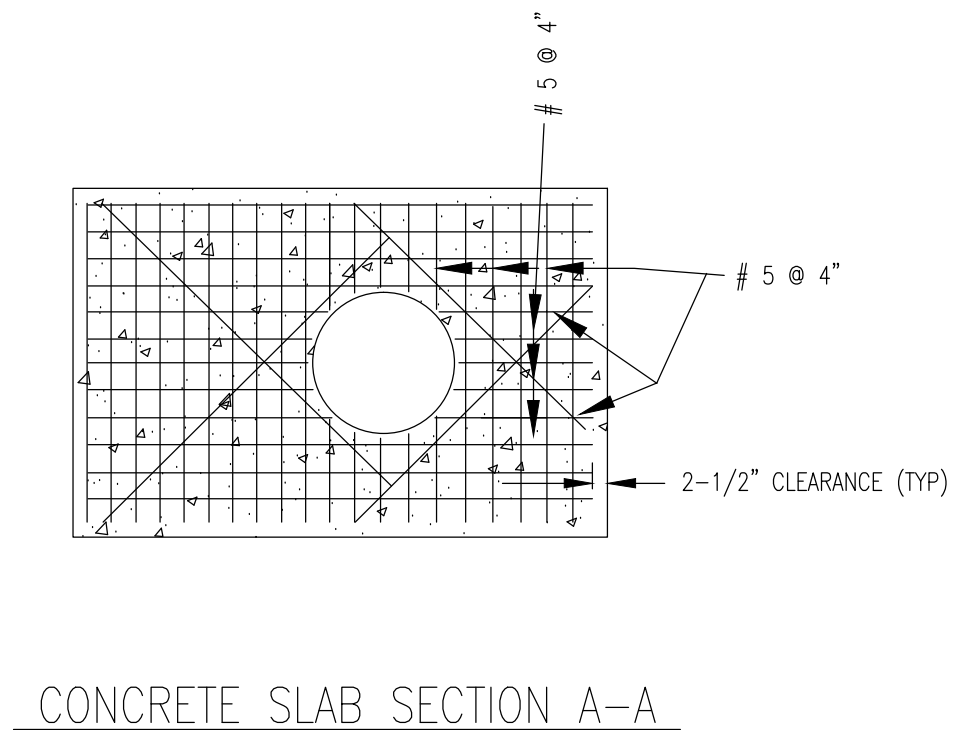
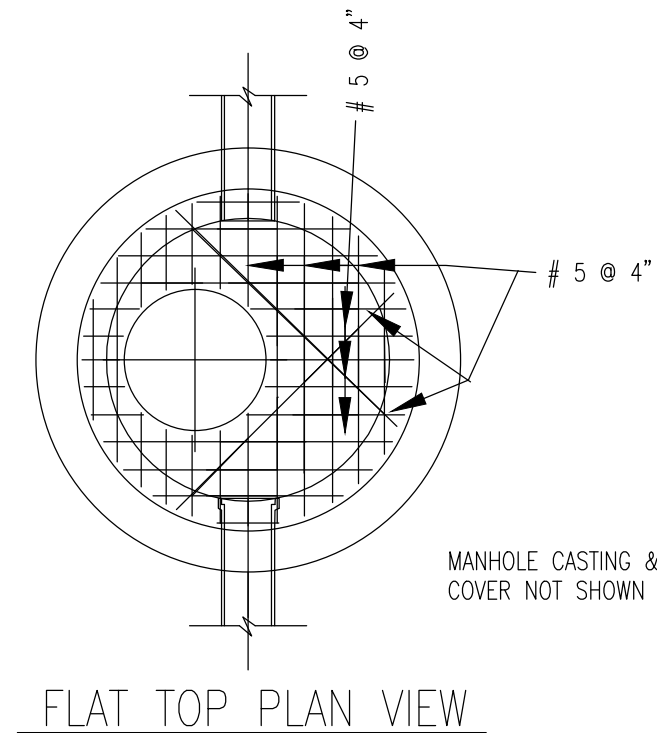


G:\ENGINEERING\SCSE Standard\0-SPECIFICATIONS & DETAILS\Standard Detail Dwg\Sanitary Sewer\Item 16X Offset Precast Manhole.dwg, 11x17



MANHOLE I.D.
48" FOR SEWERS 8" THRU 21"
60" FOR SEWERS 24" THRU 36"

SEE DRAWINGS:
NO. 12 FOR GRADE ADJUSTMENT.
NO. 13 FOR CASTING DETAILS.
NO. 33 & 34 FOR PAVEMENT DETAIL AROUND CASTING

NOTES:
PRECAST MANHOLES SECTIONS SHALL MEET ASTM C478. MANHOLE JOINTS SHALL MEET ASTM C443. CONCRETE IN MANHOLES SHALL MEET THE SPECIFICATION ITEM NOS. 4 & 16.

MANHOLE STEPS SHALL BE M.A. IND. PS-1-PF REINFORCED PLASTIC STEPS OR APPROVED EQUAL. IF TOP STEP IS IN 24" DIA. OPENING IT MAY PROJECT NO MORE THAN 3-1/2".

FOR PVC & ABS PIPE CONNECTIONS USE ASTM C-923 FLEXIBLE GASKET SUCH AS A-LOK, DURA SEAL III, KOR-N-SEAL OR APPROVED EQUAL. THIS CONNECTION IS ALSO ACCEPTABLE FOR VCP.

TAR STRIPS SHALL BE USED AT ALL JOINTS. THE CONTRACTOR SHALL APPLY TAR OVER THE CEMENT PARGING ON THE OUTSIDE OF THE ADJUSTMENT RINGS AND OVER THE MANHOLE CASTING EXTERIOR.

REVISION	DATE	BY

STARK COUNTY
SANITARY ENGINEERING DEPT.
DETAIL DWG.NO. SPECIAL
ITEM.NO. SPECIAL
OFFSET PRECAST MANHOLE